

08-21-00

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.: 5051-441

DATE: August 18, 2000

UTILITY PATENT APPLICATION TRANSMITTAL LETTER
AND FEE TRANSMITTAL FORM (37 CFR 1.53(b))

BOX PATENT APPLICATION

Commissioner for Patents

Washington, DC 20231

Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is:

- ☒ a patent application
☐ a Continuation ☐ a Divisional ☐ a Continuation-in-Part (CIP) ☐ claiming priority from
 prior provisional application nos.: 60/150,015; filed August 20, 1999 and 60/150,039;
 filed August 20, 1999.
☐ A Small Entity Statement(s) was filed in the prior application; Status still proper and desired.

Inventor(s) or Application Identifier:

Joseph M. DeSimone, Chapel Hill, North Carolina; **Eva R. Birnbaum**, Los Alamos, New Mexico;
Ruben G. Carbonell, Raleigh, North Carolina; **Stephanie Crette**, Carrboro, North Carolina;
James B. McClain, Durham, North Carolina; **T. Mark McCleskey**, Los Alamos, New Mexico;
Kimberly R. Powell, Chapel Hill, North Carolina; **Timothy J. Romack**, Durham, North Carolina;
William Tumas, Los Alamos, New Mexico.

Entitled: **CARBON DIOXIDE-SOLUBLE POLYMERS AND SWELLABLE
 POLYMERS FOR CARBON DIOXIDE APPLICATIONS**

Enclosed are:

1. ☒ Application Transmittal Letter and Fee Transmittal Form (*A duplicate is enclosed for fee processing*)
2. ☒ 32 pages of Specification (including 48 claims)
3. ☒ 5 sheets of Formal Drawings (35 USC 113)
4. ☐ Oath or Declaration
 - a. ☐ newly executed (*original or copy*)
 - b. ☐ copy from prior application (37 CFR 1.63(d) (*for continuation/divisional*) [Note Box 5 Below]
 - c. ☐ **DELETION OF INVENTOR(S)** (*Signed statement deleting inventor(s) named in the prior application*)
5. ☐ Incorporation By Reference (*useable if box 4b is checked*)
 The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ Microfiche Computer Program (*Appendix*)
7. ☐ Assignment papers (*cover sheet(s) and document(s)*)
8. ☐ Small Entity Statement(s)
9. ☒ Information Disclosure Statement, PTO-1449, and 39 references cited
10. ☐ Preliminary Amendment (*Please enter all claim amendments prior to calculating the filing fee.*)

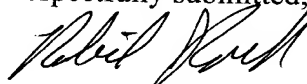
11. ☐ English Translation Document
 12. ☐ Certified Copy of
 13. ☐ Sequence Listing/ Sequence Listing Diskette
 a. ☐ computer readable copy
 b. ☐ paper copy
 c. ☐ statement in support
 14. ☐ An Associate Power of Attorney
 15. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
 16. ☒ Other: Letter under 37 C.F.R. 1.41(c)

The fee has been calculated as shown below:

	Column 1 No. Filed	Column 2 No. Extra	Small Entity Rate Fee	Large Entity Rate Fee
BASIC FEE			\$345.00	\$690.00
TOTAL CLAIMS	48 - 20 =	28	x 09 = \$	x 18 = \$504.00
INDEP CLAIMS	4 - 3 =	1	x 39 = \$	x 78 = \$78.00
<input type="checkbox"/> MULTIPLE Dependent Claims Presented			+ 130 = \$	+ 260 = \$
If the difference in Col. 1 is less than zero, Enter "0" in Col. 2			Total \$	Total = \$1,272.00

- ☒ A check in the amount of \$1,272.00 to cover the filing fee is enclosed.
- ☐ A check in the amount of \$ is enclosed to cover the filing fee, PLUS the Assignment Recordation fee (\$40.00).
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-0220.
- ☒ Any additional filing fees required under 37 CFR 1.16.
- ☒ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,



Robert J. Smith

Registration No. 40,820

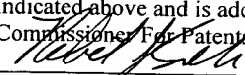
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CERTIFICATE OF EXPRESS MAILING

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Date of Deposit: August 18, 2000

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Box Patent Application, Commissioner For Patents, Washington, DC 20231.


 Robert J. Smith

Date of Signature: August 18, 2000

ATTORNEY DOCKET NO. 5051-441

PATENT
1c569 U.S. PTO
09/641815
08/18/00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Application of DeSimone et al.

Serial No.: To be assigned

Filed: Concurrently Herewith

For: CARBON DIOXIDE-SOLUBLE POLYMERS AND SWELLABLE POLYMERS FOR
CARBON DIOXIDE APPLICATIONS

Date: August 18, 2000

Box Patent Application
Commissioner for Patents
Washington, DC 20231

APPLICATION FILED UNDER 37 CFR 1.41(c)

Sir:

The above identified application is being filed on behalf of the inventor(s), **Joseph M. DeSimone**, a resident of Chapel Hill, North Carolina; **Eva R. Birnbaum**, a resident of Los Alamos, New Mexico; **Ruben G. Carbonell**, a resident of Raleigh, North Carolina; **Stephanie Crette**, a resident of Carrboro, North Carolina; **James B. McClain**, a resident of Durham, North Carolina; **T. Mark McCleskey**, a resident of Los Alamos, New Mexico; **Kimberly R. Powell**, a resident of Chapel Hill, North Carolina; **Timothy J. Romack**, a resident of Durham, North Carolina; and **William Tumas**, a resident of Los Alamos, New Mexico, under the provisions of 37 CFR 1.41(c). A Declaration and Power of Attorney from the inventor will follow, 37 CFR 1.63.

Respectfully submitted,



Robert J. Smith

Registration No. 40,820

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CERTIFICATE OF EXPRESS MAILING

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